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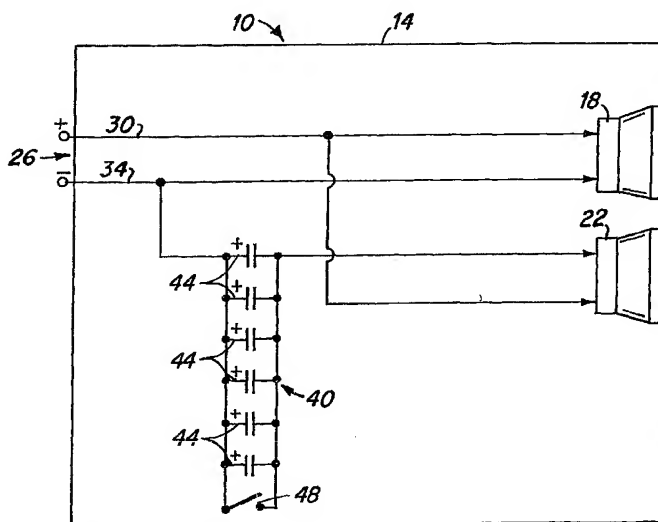
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(54) Title: AUDIO SPEAKER INCLUDING IMPEDANCE MATCHING CIRCUIT



(57) Abstract: An audio speaker (10) including an electrical circuit that is interconnected within the speaker circuitry within the speaker enclosure (14) to selectively alter the resistance of the speaker (10), such as from 4 ohms to 8 ohms. It therefore allows the owner to use the speaker as a replacement speaker for both 4 ohm and 8 ohm amplifiers. It also allows the owner to engage additional speakers to an amplifier (58) without causing damage to the amplifier (58). In a preferred embodiment, the speaker includes two drivers (18/22) that are electrically engaged in parallel in the speaker circuit, wherein a plurality of capacitors (44) are engaged in parallel within the speaker circuit, and an electrical switch is engaged to selectively shunt electrical current around said plurality of capacitors (44) to alter the resistance of the speaker.

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